

**AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS IN
ASCENDING ORDER WITH STATUS INDICATOR**

Please amend the claims as follows.

1. (Currently Amended) A thermoplastic elastomer composition comprising:
a thermoplastic elastomer having a carbonyl-containing group and a nitrogen-containing heterocycle in a side chain thereof; and
an amino group-containing compound, which
wherein said amino group-containing compound is selected from the group consisting of methylamine, ethylamine, propylamine, butylamine, hexylamine, octylamine, nonylamine, decylamine, dodecylamine, tridecylamine, tetradecylamine, pentadecylamine, hexadecylamine, cetylamine, laurylamine, stearylamine, oleylamine, dimethylamine, trimethylamine, benzylidimethylamine, methylenediamine, ethylenediamine, tetramethyl-1,6-hexanediamine, xylylenediamine, tetramethylxylylenediamine, diethylenetriamine, diethylaminopropylamine, N-aminoethylpiperazine, tris(dimethylaminomethyl)phenol, triethylenetetramine, N,N'-dimethylethylenediamine, N,N'-diethylethylenediamine, N,N'-diisopropylethylenediamine, N,N'-dimethyl-1,3-propanediamine, N,N'-diethyl-1,3-propanediamine, N,N'-diisopropyl-1,3-propanediamine, N,N'-dimethyl-1,6-hexanediamine, N,N'-diethyl-1,6-hexanediamine, N,N',N"-trimethylbis(hexamethylene)triamine, dipyridylamine, dipyridyl, ethylenedipyridyl, trimethylenedipyridyl, phenazine, purine, pteridin, dipyridylamine, 1,2-bis-(4-pyridyl)-ethane, 2 (or 4)-(β-hydroxyethyl)-pyridine, 2 (or 4)-(2-aminoethyl)-pyridine, 2 (or 4)-aminopyridine, 2,6-diaminopyridine, 2-amino-6-hydroxypyridine, 6-azathymine, metaphenylenediamine, diaminodiphenylmethane, diaminodiphenylsulfone, 3-amino-1,2,4-triazole, ~~pyrrololine~~, ~~pyrrolidone~~, ~~oxyindole (2-oxyindole)~~, ~~indoxyl (3-oxyindoxyl)~~, ~~dioxyindole~~, ~~isatin~~, ~~indolyl~~, ~~phthalimidine~~, ~~β-isoindigo~~, ~~monoporphyrin~~, ~~diporphyrin~~, ~~triporphyrin~~, ~~azaporphyrin~~, ~~phthalocyanine~~, ~~hemoglobin~~, ~~uroporphyrin~~, ~~chlorophyll~~, ~~phylloerythrin~~, ~~imidazole~~, ~~pyrazole~~, ~~triazole~~, ~~tetrazole~~, ~~benzimidazole~~, ~~benzopyrazole~~, ~~benzotriazole~~, ~~imidazoline~~, ~~imidazolone~~, ~~imidazolidone~~, ~~hydantoin~~, ~~pyrazoline~~, ~~pyrazolone~~, ~~pyrazolidine~~, ~~indazole~~, ~~pyridoindole~~, ~~purine~~, ~~cinnoline~~, ~~pyrrole~~, ~~pyrroline~~, ~~indole~~, ~~indoline~~, ~~oxindole~~, ~~carbazole~~, ~~phenothiazine~~, ~~indolenine~~, ~~isoindole~~, ~~oxazoles~~, ~~thiazoles~~, ~~isoioxazoles~~, ~~isothiazole~~, ~~oxadiazole~~, ~~thiadiazole~~, ~~oxatriazole~~, ~~thiatriazole~~, ~~phenanthroline~~, ~~oxazine~~, ~~benzoxazine~~,

~~phthalazine, pteridine, pyrazine, phenazine, tetrazine, benzoxazole, benzoisoxazole, anthranyl, benzothiazole, benzofurazane, pyridine, quinoline, isoquinoline, acridine, phenanthridine, anthrazoline, naphthilidine, thiazine, pyridazine, pyrimidine, quinazoline, quinoxaline, triazine, histidine, triazolidine, melamine, adenine, guanine, thymine, cytosine and urazole; polyamide, polyurethane, urea resin, melamine resin, polyvinylamine, polyallylamine, polyacrylamide, polymethacrylamide, polyaminostyrene, and amino group-containing polysiloxane.~~

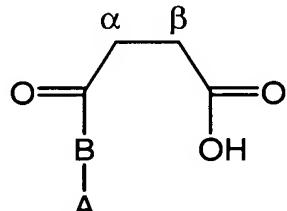
wherein one or more hydrogen atoms of the amino group-containing compound can be substituted by an alkyl group, an alkylene group, an aralkylene group, an oxy group, an acyl group or a halogen atom, and a hetero atom can be added into a skeleton of the amino group-containing compound.

2. (Original) The thermoplastic elastomer composition according to claim 1, wherein the side chain has a structure represented by the following chemical formula (1):

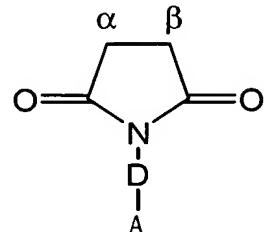


(wherein A represents the nitrogen-containing heterocycle, and B represents: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

3. (Original) The thermoplastic elastomer composition according to claim 1, wherein the side chain has a structure in which the side chain is bonded to a main chain at α -position or β -position and which is represented by the following chemical formula (2) or (3):



(2)



(3)

(wherein A represents the nitrogen-containing heterocycle, and B and D independently represent: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

4. (Currently Amended) The thermoplastic elastomer composition according to claim 1, wherein

the nitrogen-containing heterocycle contained in said side chain is a five-membered ring or a six-membered ring.

5. (Currently Amended) The thermoplastic elastomer composition according to claim 4, wherein

the nitrogen-containing heterocycle contained in said side chain is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

Claims 6-16 (Canceled).

17. (Original) The thermoplastic elastomer composition according to claim 1, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

18. (Currently Amended) The thermoplastic elastomer composition according to claim-9 22, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

19. (New) A thermoplastic elastomer composition comprising:

a thermoplastic elastomer having a carbonyl-containing group and a nitrogen-containing heterocycle in a side chain thereof; and

an amino group-containing compound,

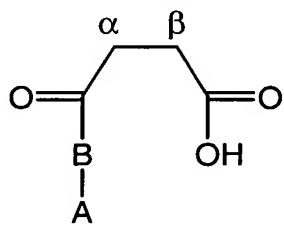
wherein the amino group-containing compound is selected from the group consisting of a secondary aliphatic diamine, a polyamine containing a primary aromatic amine and a heterocyclic amine, and a tertiary heterocyclic diamine.

20. (New) The thermoplastic elastomer composition according to claim 19, wherein the side chain has a structure represented by the following chemical formula (1):

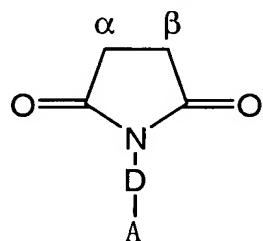


(wherein A represents the nitrogen-containing heterocycle, and B represents: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

21. (New) The thermoplastic elastomer composition according to claim 19, wherein the side chain has a structure in which the side chain is bonded to a main chain at α -position or β -position and which is represented by the following chemical formula (2) or (3):



(2)



(3)

(wherein A represents the nitrogen-containing heterocycle, and B and D independently represent: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

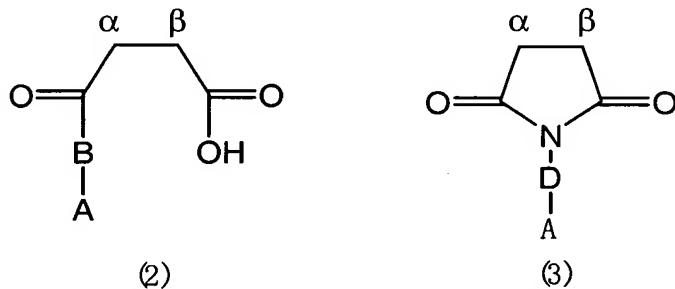
22. (New) A thermoplastic elastomer composition comprising:
a thermoplastic elastomer having a carbonyl-containing group and a nitrogen-containing heterocycle in a side chain thereof; and
an amino group-containing compound,
wherein the amino group-containing compound is polysiloxane having an amino group.

23. (New) The thermoplastic elastomer composition according to claim 22, wherein the side chain has a structure represented by the following chemical formula (1):



(wherein A represents the nitrogen-containing heterocycle, and B represents: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

24. (New) The thermoplastic elastomer composition according to claim 22, wherein the side chain has a structure in which the side chain is bonded to a main chain at α -position or β -position and which is represented by the following chemical formula (2) or (3):



(wherein A represents the nitrogen-containing heterocycle, and B and D independently represent: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

25. (New) The thermoplastic elastomer composition according to claim 22, wherein the polysiloxane having the amino group is a condensate of an aminosilane compound.

26. (New) The thermoplastic elastomer composition according to claim 23, wherein the polysiloxane having the amino group is a condensate of an aminosilane compound.

27. (New) The thermoplastic elastomer composition according to claim 24, wherein the polysiloxane having the amino group is a condensate of an aminosilane compound.

28. (New) The thermoplastic elastomer composition according to claim 22, wherein a content of the polysiloxane having the amino group is from 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

29. (New) The thermoplastic elastomer composition according to claim 25, wherein a content of the polysiloxane having the amino group is from 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.